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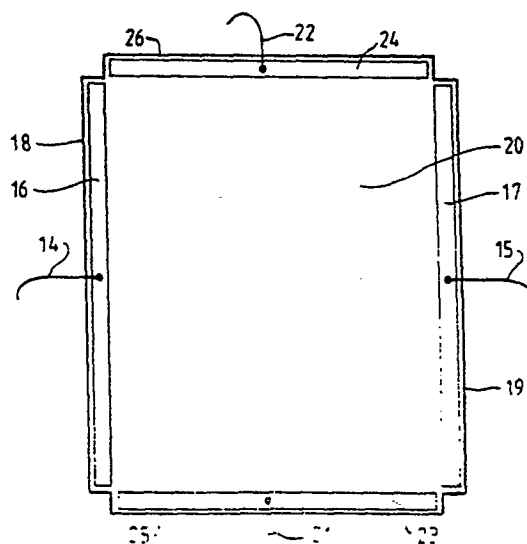
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**A3**

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# EUROPEAN PATENT APPLICATION

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**IBM United Kingdom Limited Intellectual**  
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**Winchester Hampshire SO21 2JN(GB)**(54) **Graphics input tablet.**

(57) A graphics input tablet has a conductive layer and a resistive layer with contacts (16, 17, 23, 24) arranged one along each edge of the resistive layer. The conductive layer is held at a negative potential relative to the resistive layer so current flows in each contact when localised pressure is applied to a region of the tablet (20) to bring the layers into electrical contact. The currents vary with both position and magnitude of the localised pressure. The position of the pressure is detected from the relative currents in opposed contacts and the magnitude of the pressure is detected from the total current in the contacts. The currents are measured by current sense amplifiers and processed in a computer. Analogue front-end processing of the currents is also possible.



**FIG 2**

**EP 0 288 692 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	SYSTEMS-COMPUTERS-CONTROL, vol. 13, no. 3, May-June 1982, pages 30-39, Silver Spring, Maryland, US; Y. SATO et al.: "A pressure-sensitive device for input of graphics" * Paragraphs 2-5 * ---	1	G 06 K 11/06
Y	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 38 (P-255)[1475], 18th February 1984; & JP-A-58 191 089 (TOUYOU TSUUSHINKI K.K.) 08-11-1983 * Abstract * ---	1	
A	EP-A-0 194 861 (ELOGRAPHICS) * Pages 15-25; figures 1-5 * ---	1-10	
A	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 202 (P-300)[1639], 14th September 1984; & JP-A-59 85 583 (NIPPON DENSHIN DENWA KOSHA) 17-05-1984 * Abstract * ---	1-5	
A	US-A-4 575 580 (JANDRELL) * Column 4, line 38 - column 11, line 54; figures 1,4 * -----	8-10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 06 K G 01 L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-10-1989	Examiner SARASUA GARCIA L.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	